

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Ledentsov et al.
Patent No: 7,031,360
Confirmation Number: 7434
Issue Date: April 18, 2006
Title: Tilted Cavity Semiconductor Laser (TCSL) And Method Of
 Making Same
Attorney Docket No.: QIL-5

HONORABLE COMMISSIONER OF PATENTS
Alexandria, VA 22313-1450

**Substitute Power Of Attorney By Assignee Of Entire Interest
With Revocation Of Prior Powers And Statement Under 37 CFR 3.73(B)**

- The assignee of record of the entire interest of the above identified patent hereby revokes all powers of attorney previously given and appoints the registered attorneys and agents associated with USPTO Customer Number 020808 to prosecute and transact all business in the Patent and Trademark Office connected therewith.
- Innolume GmbH, a corporation, states that it is the single assignee of the entire right, title and interest in the patent by virtue of a chain of title, of the patent identified above, from the inventors to the current assignee, as follows:

From Vitaly Shchukin to Nikolai Ledentsov. This document was recorded in the USPTO at Reel/Frame 013781/0290 on February 24, 2003.

From Nikolai Ledentsov to EastInvest, LLC. This document was recorded in the USPTO at Reel/Frame 013781/0285 on February 24, 2003.

From EastInvest, LLC to NSC-Nanosemiconductor GmbH. This document was recorded in the USPTO at Reel/Frame 013781/0309 on February 24, 2003.

Corrective assignment from EastInvest, LLC to NSC-Nanosemiconductor GmbH. This document was recorded in the USPTO at Reel/Frame 013776/0633 on February 25, 2003.

Change of name from NSC-Nanosemiconductor GmbH to NL Nanosemiconductor GmbH. This document was recorded in the USPTO at Reel/Frame 015478/0802 on December 23, 2004.

Change of name from NL Nanosemiconductor GmbH to Innolume GmbH. This document was recorded in the USPTO at Reel/Frame 019094/0762 on March 8, 2007.

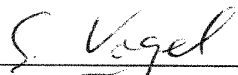
- The previous powers filed on November 19, 2010 were not authorized by the assignee, Innolume GmbH.
- The present power confirms the power of attorney previously granted to the attorneys and agents associated with customer number 20808, which was not revoked by Innolume GmbH in this case.
- Address all telephone calls to Meghan Van Leeuwen at telephone number 607-256-2000.
- Fax communications should be sent to telephone number 607-256-3628.
- E-mail communications should be addressed to: docket@bpmlegal.com.

"Recognizing that Internet communications are not secured, I hereby authorize the PTO to communicate with me concerning any subject matter of this application by electronic mail. I understand that a copy of these communications will be made of record in the application file".

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ASSIGNEE OF ENTIRE INTEREST:
Innolume GmbH

By: 
Name Guido Vogel
Title: Managing Director
Date: 13. May 2011